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MEMORANDUM

DATE: January 16, 1987

TO: John Osborn, FIT-RPO, USEPA, Region X

FOR: Lori Cohen, USEPA, Region X

THRU: *for* David Buecker, FIT-OM, E&E, Seattle *MB*

FROM: Andrew Hafferty, FIT-PM, E&E, Seattle *GAH*

SUBJ: Drum Disposal
Resource Recovery
Pasco, Washington

REF: TDD F10-8611-03

CC: Thomas Tobin, E&E (memo only)

The site investigation of Resource Recovery during July and August of 1985 resulted in the creation of over one hundred drums of investigation derived wastes. These wastes consist of soil drill cuttings, small quantities of disposable safety clothing, and monitoring well development/purge water. The EPA utilized their Contract Laboratory Program and the Region X EPA Laboratory to conduct analyses of both soil and ground water samples collected during the site inspection. Samples were tested for elements and organic compounds on the EPA Hazardous Substance List, with selected samples analyzed for phenoxy herbicides.

Potentially hazardous materials were found in the shallow soil (10-30 feet) collected at EE-3:

phthalates	< 5 mg/kg *
polycyclic aromatic hydrocarbons	< 9 mg/kg
PCBs	< 5 mg/kg

* parts per million in the soil



Potentially hazardous material was found in ground water collected from monitoring wells EE-2, EE-3, and JUB-2.

Concentrations of trichloroethylene and/or tetrachloroethylene exceeded Federal Drinking Water Guideline Highest Safe Levels in these samples:

	EE - 2	EE - 3	JUB - 2
trichloroethylene	65 ug/l **	480 ug/l	164 ug/l
tetrachloroethylene	32 ug/l	5 U ***	5 U

** parts per billion in ground water
*** Undetected - detection limit is 5 ug/l

To the best of our knowledge, NONE of this material is considered hazardous waste according the Washington Administrative Code, Dangerous Waste Regulations, Chapter 173-303 WAC.

Therefore, E&E recommends burial in place of all investigation derived waste drums at the Pasco Sanitary Landfill.